WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (SUPPLEMENTARY SHEET)

International application No. PCT/EP2004/050717

Re Box No. V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statements

Reference is made to the following documents:

D1: EP-A-1 054 518 (CIT ALCATEL) 22 November 2000 (2000-11-22)
D2: WO 02/23936 A (ERICSSON TELEFON AB L M) 21 March 2002 (2002-03-21)
D3: US 2002/012380 A1 (WICHMAN RISTO ET AL) 31 January 2002 (2002-01-31)

1. The present application does not fulfill the requirements of Article 33(1) PCT, because the subject matter of claim 1 is not novel in terms of Article 33(2) PCT.

1.1 Document D1 discloses (the references in brackets refer to this document) a method for operating a mobile radio telephone system, in which
- a power amplifier for amplifying signals to be transmitted to subscriber stations is provided
- and a dimension for the working load of the power amplifier is detected and transmitted to a central control unit of the mobile radio telephone system (column 6, lines 5-7 and figure 3).

1.2 The applicant is informed that similar conclusions with regard to claim 1 can be drawn by taking into account the prior art disclosed in document D3.

2. The same reasoning applies correspondingly to the independent claims 11 and 12. The subject matter of claims 11 and 12 is thus similarly not novel (Article 33(2) PCT).

3. The independent claims 2-8, 10 contain no features which, in combination with the features of any claims to which they relate, fulfill the requirements of the PCT with regard to novelty and inventive step (see documents D1, D2, D3 and the corresponding text passages specified in the search report.

4. The feature combinations contained in dependent claim 9 is not known from the present prior art, nor is it made obvious therein. The reasons therefor are as follows:

4.1 A method is known from the combination of documents D1 and D3 which determines both a dimension for the working load of the power amplifier and also a dimension for the working load of the radio cell and transmits said dimensions to a central control unit of the mobile radio telephone system. This corresponds to the subject matter of claim 7, to which claim 9 relates.

4.2 The subject matter of claim 9 differs from the method known from documents D1 and D2, in that it determines which of the two dimensions has the greatest value, and that only one of the two dimensions is transmitted to the central control unit as a function of the result.

The subject matter of claim 9 is thus novel (Article 33(2) PCT).

4.3 These additional features have the technical effect that only the more critical working load degree is transmitted to the central unit in each instance (cf. description, page 6, 2nd paragraph).

4.4 The object to be achieved by means of the features of claim 9 can thus be seen to conserve transmission resources to the central control unit (cf. description, page 6, 2nd paragraph).

4.5 No document of the prior art available discloses the special technical features of claim 9 or the problem to be solved, nor does a document suggest this. Thus the requirements of Article 33(3) PCT with regard to inventive step are fulfilled.